

WHAT IS CLAIMED IS:

1. An information playback apparatus comprising:
data playback means for playing back data from a
disc recording medium and outputting playback data;

bit error correction means for correcting a bit
error generated in said playback data; and

a buffer memory for temporarily storing data
output by said error correction means and outputting
stored data to later-stage processing,

wherein recognizable dummy data used as a
substitute for said playback data containing a bit error
difficult to correct is output to said later-stage
processing when said playback data is detected by said
error correction means.

2. The information playback apparatus according to
claim 1, wherein recognizable dummy data used as a
substitute for said playback data containing a bit error
difficult to correct is output to said later-stage
processing in case said playback data is detected by said
error correction means by executing the steps of:

storing said dummy data in said buffer memory on
the basis of a result of error correction processing
carried out by said error correction means; and

sequentially outputting data stored in said buffer

memory in accordance with a predetermined order.

3. The information playback apparatus according to claim 1, wherein data stored in said buffer memory is output in accordance with a limitation requested by said later-stage processing and when retry processing carried out makes it possible to output playback data corresponding to said dummy data in accordance with said limitation, said retry processing is carried out to reproduce said playback data corresponding to said dummy data and said playback data is output in place of said dummy data.

4. The information playback apparatus according to claim 3, wherein said limitation requested by said later-stage processing is a request for a transfer of data in a predetermined order within a predetermined time and said request is made by an external apparatus in a command specifying an operation to play back said data.

5. The information playback apparatus according to claim 3, wherein said limitation requested by said later-stage processing is a request for a transfer of data stored in said buffer memory and said request is made by an external apparatus after a command specifying an operation to play back said data.

6. An information playback apparatus comprising:

data playback means for playing back data from a disc recording medium and outputting playback data; and

a buffer memory for temporarily storing said playback data to be output to later-stage processing,

wherein recognizable dummy data used as a substitute for said playback data recorded in a defective sector of said disc recording medium is output to said later-stage processing as a result of an access to said defective sector.

7. The information playback apparatus according to claim 6, wherein recognizable dummy data used as a substitute for said playback data recorded in said defective sector is output to said later-stage processing by executing the steps of:

storing said dummy data in said buffer memory as a result of an access to said defective sector; and

sequentially outputting data stored in said buffer memory in accordance with a predetermined order.

8. The information playback apparatus according to claim 6, wherein data stored in said buffer memory is output in accordance with a limitation requested by said later-stage processing and when alternate processing carried out makes it possible to output playback data corresponding to said dummy data in accordance with said

limitation, said alternate processing is carried out to reproduce said playback data and said playback data is output in place of said dummy data.

9. The information playback apparatus according to claim 8, wherein said limitation requested by said later-stage processing is a request for a transfer of data in a predetermined order within a predetermined time and said request is made by an external apparatus in a command specifying an operation to play back said data.

10. The information playback apparatus according to claim 8, wherein said limitation requested by said later-stage processing is a request for a transfer of data stored in said buffer memory and said request is made by an external apparatus after a command specifying an operation to play back said data.

11. An information playback method for playing back data from a disc recording medium and outputting playback data, said information playback method comprising the steps of:

correcting a bit error generated in said playback data reproduced from said disc recording medium;

temporarily storing data with said error corrected in a buffer memory;

outputting said data stored in said buffer memory

to later-stage processing; and

outputting recognizable dummy data used as a substitute for said playback data containing a bit error difficult to correct is output to said later-stage processing when said playback data is detected in said step of correcting a bit error generated in said playback data.

12. An information playback method for playing back data from a disc recording medium and outputting playback data, said information playback method comprising the steps of:

temporarily storing said playback data reproduced from said disc recording medium in a buffer memory

outputting said data stored in said buffer memory to later-stage processing; and

outputting recognizable dummy data used as a substitute for said playback data to said later-stage processing as a result of an access to said defective sector.

13. An information-recording medium for recording an information playback method for playing back data from a disc recording medium and outputting playback data wherein said information playback method comprises the steps of:

correcting a bit error generated in said playback data reproduced from said disc recording medium;

temporarily storing data with said error corrected in a buffer memory;

outputting said data stored in said buffer memory to later-stage processing; and

outputting recognizable dummy data used as a substitute for said playback data containing a bit error difficult to correct to said later-stage processing when said playback data is detected in said step of correcting a bit error generated in said playback data.

14. An information-recording medium for recording an information playback method for playing back data from a disc recording medium and outputting playback data wherein said information playback method comprises the steps of:

temporarily storing said playback data reproduced from said disc recording medium in a buffer memory;

outputting said data stored in said memory to later-stage processing; and

outputting recognizable dummy data used as a substitute for said playback data to said later-stage processing as a result of an access to said defective sector.